

A template for a 4R mainline typical section sheet is available on the CFL website at <http://www.cflhd.gov/design/TemplateFiles/>. It is expected that this template will be revised to incorporate project-specific information.

Notes provide additional information describing the work. Avoid repeating information already covered in the SCRs.

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
REG	ST	PROJECT NUMBER PROJECT NAME	A7	A8

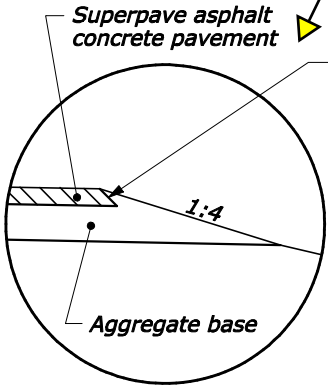
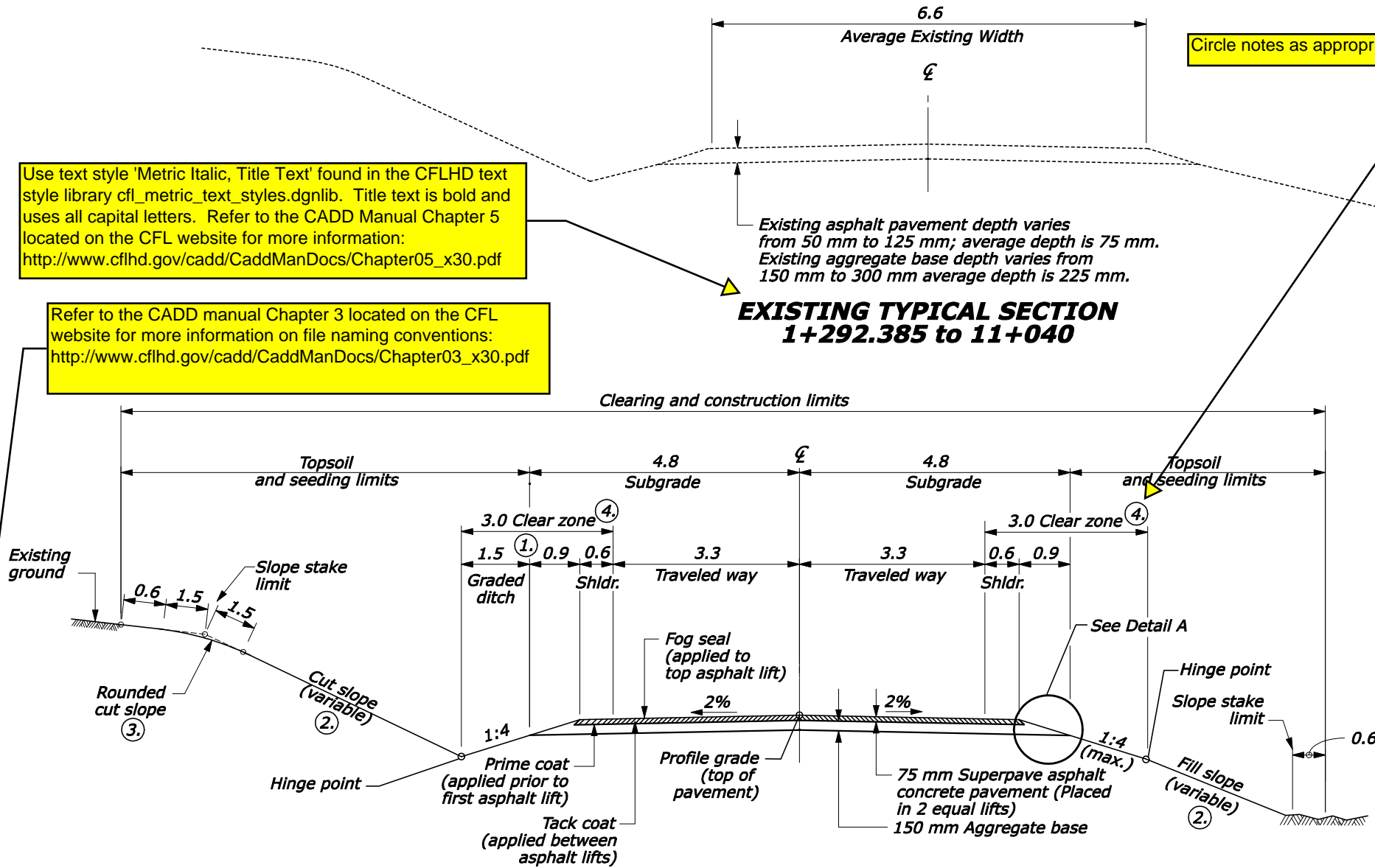
NOTE:

1. The gradient and width of roadway ditches and the excavation and embankment slope ratios may be adjusted by the contracting officer to assure adequate drainage and stability.
2. See the cross sections for cut and fill sope ratios. See the following documents for additional information:
 - Geotechnical Report CA-FX-0119-03-05 dated September 2003 (FHWA)
 - Geotechnical Report CA-FX-0119-02-04 dated August 2002 (FHWA)
 - Geotechnical Investigations for Improvements to Forest Highway 119, Butte County, California dated September 27, 2001
3. Round all earth slopes and all rippable rock slopes. Reduce dimensions shown for cut slope distances less than 1.5 m in height to the actual cut slope distance.
4. Clear zone width varies on the outside of curves according to the AASHTO Roadside Design Guide.
5. Construct curve widening as shown in the table below. Apply the widening on the inside of curves throughout the superelevated sections. Transition the curve widening to coincide with the superelevation transitions.
6. Dimensions without units are in meters.

Use text style 'Metric Italic, Title Text' found in the CFLHD text style library cfl_metric_text_styles.dgnlib. Title text is bold and uses all capital letters. Refer to the CADD Manual Chapter 5 located on the CFL website for more information: http://www.cflhd.gov/cadd/CaddManDocs/Chapter05_x30.pdf

Refer to the CADD manual Chapter 3 located on the CFL website for more information on file naming conventions: http://www.cflhd.gov/cadd/CaddManDocs/Chapter03_x30.pdf

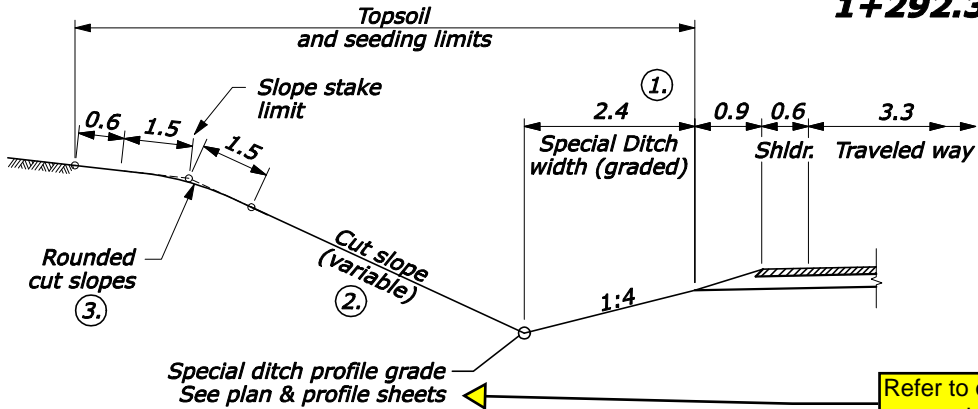
EXISTING TYPICAL SECTION
1+292.385 to 11+040



WIDENING ON CURVES 5.

Radius (m)	Widening (m)
Over 120	0
91 to 120	0.600
61 to 90	0.900
60 & under	1.200

TYPICAL SECTION
1+292.385 to 11+040



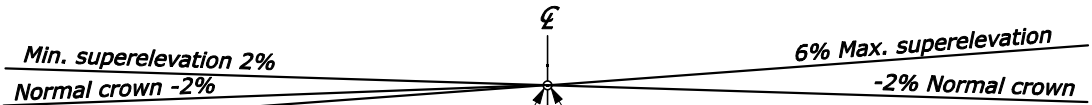
SPECIAL DITCH TYPICAL SECTION

4+480 to 4+507 Lt.
6+900 to 6+930 Lt.
10+540 to 10+596 Rt.

Refer to other plan sheets where appropriate

Use text style 'Metric Italic, Standard Text' found in the CFLHD text style library cfl_metric_text_styles.dgnlib. Refer to the CADD Manual Chapter 5 located on the CFL website for more information: http://www.cflhd.gov/cadd/CaddManDocs/Chapter05_x30.pdf

METHOD OF SUPERELEVATION ON CURVES



Profile grade
Pivot point for superelevation

locations of curves and superelevations

Show 'NO SCALE' if appropriate.

NO SCALE

LENGTH OF PROJECT

Station to Station	Roadway (m)	Bridge (m)
1+292.385 to 8+368.25	7075.865	
8+368.25 to 8+427.25		59
8+427.25 to 11+040	2612.75	
TOTALS (m)	9688.615	59
TOTAL (km)	9.748	

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

TYPICAL SECTIONS
MAINLINE